

Comment Letter 0049 Continued

James E. Slosson [8]	
Member:	Land-Use Study Committee, Office of Planning and Research, State of California, 1973-1975
Member:	Ex-Officio, Solid Waste Management Board, State of California, 1973-1975
Member:	Strong Motion Instrumentation Program Advisory Board, State of California, 1973-1975
Member:	Meinzer Awards Committee of Hydrogeology, Geological Society of America, 1973-1976
Member:	State of California Interdepartmental Research Board, 1974-1975
Executive Secretary:	Mines and Geology Board, State of California, 1974-1975
Member:	Geotechnical Committee, Building and Safety Board, State of California, 1973-1980
Executive Secretary:	Governor's Earthquake Prediction Evaluation Committee, State of California, 1974-1975
Member:	National Academy of Science Panel on Mudslides, 1974
Member:	Association of American State Geologists, 1974-1975
Member:	Earthquake Engineering Research Institute, Scientific Panel for the preparation of the publication "Development of a Plan to Maximize the Learnings from Destructive Earthquakes," 1974-1975
President:	California Section, American Institute of Professional Geologists, 1973-1974
Member:	City of Los Angeles Earthquake Technical Advisory Board (to the Department of Building and Safety, City of Los Angeles), 1971-1972
Member:	Earthquake Engineering Research Institute, Geologic Subcommittee Study for the Sylmar Earthquake, February 9, 1971
Participant and Contributor:	National Bureau of Standards Conference on Disaster Mitigation, Earthquake Disaster, Boulder, Colorado, 1972

James E. Slosson [9]	
Participant:	International Conference on Microzonation, Seattle, Washington; presentation entitled "Urban Planning and Governmental Responsibility," 1972
Geologic Consultant:	City of Long Beach, Department of Building and Safety, 1972-1973
Geologic Consultant:	Division of Industrial Safety, State of California, Sylmar Tunnel Litigation, 1972-1973
Geologic Consultant and Expert Witness:	City of Los Angeles, Office of the City Attorney, 1969-1973
Geologic Consultant:	State of California, Office of the Attorney General, 1972-1973
Associate Director:	West Los Angeles County Resource Conservation District, 1972-1978
Chairman:	National Legislation Committee: Association of Engineering Geologists, 1972-1973
Member:	City of Los Angeles, Department of Building and Safety Grading Appeals Board, 1963-1969
Member:	University of California at Los Angeles Earthquake Conference, June of 1971, Planning Committee
Member:	Structural Engineers of Southern California Ad Hoc Committee on Olive View Hospital, 1971
Member:	Ex-Officio, Association of Engineering Geologists, Los Angeles Section, Earthquake Study Committee, 1971
Member:	Select Committee on Seismic Design, City of Los Angeles, Department of Building and Safety, 1971-1972
Panel Member:	Earthquake Engineering Research Institute, National Conference of Earthquake Engineering, "Investigation of the San Fernando Earthquake," 1971
Chairman:	Southern California Section, Association of Engineering Geologists, 1970-1971
Member:	Committees on Education and Building Codes, Association of Engineering Geologists, 1965-1968

Comment Letter 0049 Continued

James E. Slosson

[10]

Chairman: Committees on Legislation and Public Information/Professional Relations, Grading Codes Advisory Board, Southern California Section, Association of Engineering Geologists, 1963-1968

Member: Committees in Engineering Technician Training and Education, American Society of Civil Engineers, 1967

Member: Open Space Ordinance Committee, City of Los Angeles, 1966-1967

Chairman: Southern California Section, Association of Engineering Geologists Building and Grading Codes Committee, 1967-1968

Member: Geology and Grading Appeals Board, County of Ventura, 1967-present

Member: Geology and Grading Appeals Board, County of Los Angeles, 1967-1976 (Chairman: 1972-1973)

Member: American Institute of Professional Geologists, Geologic Hazards Committee, 1966-1969

Chairman: Association of Engineering Geologists, Building Codes Committee, 1963; AEG co-sponsors of Chapter 70 of the Uniform Building Codes, 1963; co-author of chapter on Grading Codes

Member: Stocker-LaBrea Study Group, Baldwin Hills Tectonic Fault Study, City of Los Angeles, 1962-1963

Member: Hillside Planting Committee, Department of Building and Safety, City of Los Angeles, 1961-1968

Member: Engineering Geologists Qualification Board, County of Los Angeles, 1966-1969 (Chairman, 1969)

Member: Engineering Geologists Qualification Board, City of Los Angeles, 1961-1969

James E. Slosson

[11]

PUBLICATIONS, ABSTRACTS, AND PRESENTATIONS

"A Review of the Literature on Site Effects and Structural Focusing in the Los Angeles Basin and the San Fernando Valley from the January 17, 1994 Northridge Earthquake in the Los Angeles Region, California" by James E. Slosson and Frank Denison, GSA Annual Meeting and Exposition, Seattle, WA, November 2003

"Reply to 'Comment on "Faulting Apparently Related to the 1994 Northridge, California, Earthquake and possible Co-seismic Origin of Surface Cracks in Potrero Canyon, Los Angeles County, California," by R.D. Catchings, M.R. Goldman, W.H.K. Lee, M.J. Rymer, and D.J. Ponti,' by Brian J. Swanson, Allan E. Seward, Perry L. Ehlig, and James E. Slosson. BSSA, Vol. 92, No. 6, pp 2539, August 2002

"Northridge Earthquake, Turning Loss to Gain," Report to the Governor, Governor's Executive Order W-78-94, SSC Report No. 95-01, Sacramento, California, 1995

"Slope Failures in Southern California: Rainfall Threshold, Prediction, and Human Causes," co-authored with R.A. Larson in *Winter, 1995, Environmental & Engineering Geoscience*

"Reflections on the Geoscience Observations, Northridge Earthquake," co-authored with T.L. Slosson, J.A. Johnson, R.J. Shlemon, and R.J. McCarthy in *Proceedings of the AEG Annual Meeting, Sacramento, California, October 1995*

"Permanent Ground Deformation, San Fernando Valley Area, 17 January 1994 Northridge, California Earthquake," co-authored with J.A. Johnson, R.J. Shlemon, and T.L. Slosson, in *Proceedings of the AEG Annual Meeting, Sacramento, California, October 1995*

"The Use of Seismic Hazard Maps for Improved Earthquake Risk Reduction," co-authored with R.J. McCarthy and J.A. Johnson in *Proceedings of the AEG Annual Meeting, Sacramento, California, October 1995*

"Geomorphic Indicators of Neotectonism, Northern San Fernando Valley, California," co-authored with R.J. Shlemon and J.A. Johnson in *Proceedings of the AEG Annual Meeting, Sacramento, California, October 1995*

"The Use of Seismic Hazard Maps for Improved Earthquake Risk Reduction," co-authored with R.J. McCarthy, presented to U.S./Japan Earthquake Conference, Tokyo, May 18, 1995

"Public Safety Issues from the Northridge Earthquake of January 17, 1994," a Compendium of Issue Statements by the Commissioners of the Seismic Safety Commission, SSC 95-03, March, 1995

"Offshore Seismic Survey Relates Faulting and Landslides to Instability in the Castellammare Area of Northern Santa Monica, CA," co-authored with Robert F. Dill in *Proceedings of the 1994 GSA Cordilleran Section Meeting, San Bernardino, California, March 1994*

Comment Letter 0049 Continued

James E. Slosson

[12]

- "Fault-Rupture Hazards, the Alquist-Priolo Fault Hazard Act, and Siting Decisions in California," co-authored with Jeffrey R. Keaton and Jeffrey A. Johnson *in* Bulletin of the Association of Engineering Geologists, Vol. XXXI, No. 2, 1994, pp. 183-189
- "Lessons To Be Learned from the 1993 Southern California Landslides," co-authored with Robert A. Larson *in* Proceedings of the 36th Annual AEG meeting, San Antonio, Texas, October 1993
- "Ethical Considerations in Conducting Regulatory Review of Geology Reports," co-authored with Robert A. Larson *in* Proceedings of the 36th Annual AEG meeting, San Antonio, Texas, October 1993
- "Current Legal Issues in Sedimentation," co-authored with G. Shuirman, presented at ASCE Hydraulics Conference, San Francisco, July 1993
- "The Importance of Secondary Faulting, Active Strike-Slip Fault Zones of Southern California," co-authored with J.A. Johnson and C.H. Gray, Jr. *in* Proceedings of the AAPG Pacific Section 68th Annual Meeting, Long Beach, California, May 1993
- "The South San Fernando Valley Fault, Los Angeles, California: Myth or Reality?," co-authored with S.L. Werner and M.B. Phipps *in* Proceedings of the GSA Cordilleran Section 89th Annual Meeting, Reno, Nevada, May 1993
- "Storm-Induced Geologic Hazards: Case Histories from the 1992-1993 Winter in Southern California and Arizona," Edited by R.A. Larson and J.E. Slosson, GSA, Reviews in Engineering Geology, Volume XI
- "Landslides/Landslide Mitigation," co-edited with A.G. Keene and J.A. Johnson, Geological Society of America Reviews in Engineering Geology, Volume IX, 1992
- "Standard Practice Equates to an Ever-Evolving Number of Failures," co-authored with R.J. Shlemon and T.L. Slosson *in* Proceedings of the 35th Annual AEG meeting, Long Beach, California, 1992
- "Forensic Engineering: Environmental Case Histories for Civil Engineers and Geologists," co-authored with G. Shuirman, Academic Press, 1992
- "Standard Practice Equals Continuing Losses," co-authored with T.L. Slosson *in* Landslides, Volume I, Proceedings of the 6th International Symposium, Christchurch, New Zealand, D.H. Bell (editor), A.A. Balkema: Rotterdam, 1992
- "Modulation of Engineering Geology Standard of Practice 1928 - 1992," co-authored with R.J. Shlemon and T.L. Slosson *in* Proceedings of the 35th Annual AEG meeting, Long Beach, California, October 1992

James E. Slosson

[13]

- "The Application of Ground-Water Flow Models as Predictive Tools -- A Review of Two Ground-Water Models of Eastern Honey Lake Valley, California-Nevada," co-authored with A.L. Mayo *in* Bulletin of the Association of Engineering Geologists, Vol. XXIX, No. 2, 1992, pp. 151-163
- "The Role of Seismic Hazard Evaluation in Engineering Geology Reports," co-authored with R.A. Larson *in* Engineering Geology Practice in Southern California, AEG Special Publication No. 4, Southern California Section, 1992
- "California at Risk, Reducing Earthquake Hazards 1992-1996," Report No. SSC 91-08, December 31, 1991, Sacramento, California
- "Method of Multiple Working Hypotheses: A Chimera or a Necessity for Ethical Practices in Engineering Geosciences?," co-authored with T.L. Slosson and V.C. Cronin *in* Proceedings of the AEG Annual Meeting, Chicago, Illinois, October 1991
- "A Re-evaluation of Earthquake Hazards Within the California Coastal Zone: Lessons Learned from the Loma Prieta Earthquake," co-authored with R.J. McCarthy and R.G. Bea *in* Proceedings of the 7th Symposium on Coastal and Ocean Management, Long Beach, California, July 1991
- "An Example of Sequential Land Use Necessitating Mitigation: Well Abandonment in the Kraemer Oil Field, Yorba Linda, California," co-authored with E.C. Sprotte and M. Phipps *in* Proceedings of the AEG Annual Meeting, Chicago, Illinois, 1991
- "Use of Multiple Working Hypotheses and Multiple Geologic/Geophysical Technologies to Analyze a Complex Landslide," co-authored with D.D. Crowther, T.L. Slosson and M. Phipps *in* Proceedings of the 27th Symposium on Engineering Geology and Geotechnical Engineering, Logan, Utah, 1991
- "Olancha Debris Flow: An Example of an Isolated Damaging Event," co-authored with T.L. Slosson *in* Proceedings of the 1990 ASCE National Conference on Hydraulic Engineering and the International Symposium on the Hydraulics/Hydrology of Arid Lands, San Diego, California, October 1990
- "Fault Hazards, The Alquist-Priolo Fault Hazard Act and Siting Decisions in California and Elsewhere," presented at the 33rd Annual AEG meeting, Pittsburgh, Pennsylvania, 1990
- "Successful Use of Horizontal Drains -- Pure Luck or Good Use of Science and Technology," presented at GSA Cordilleran 86th Annual Meeting, Tucson, Arizona, March 1990
- "Deadly Debris Flows on I-5 Near Grapevine, CA," *in* French, R.H., [editor], Proceedings of the International Symposium on the Hydraulics/Hydrology of Arid Lands (H2AL); New York, American Society of Civil Engineers, 1990, pp. 78-83

Comment Letter 0049 Continued

James E. Slosson

[14]

- "Turning Points in Forensic Geology," presented at Texas A&M University, May, 1989, published in *Avoiding Public Liability in Floodplain Management*, 1989, Association of State Floodplain Managers, J.A. Kusler, editor
- "Current and Future Difficulties in the Practice of Engineering Geology," co-authored with J.W. Williams and V.C. Cronin, presented at the 28th International Geological Congress, Washington, D.C., 1991
- "Why is the Gap Between 'Standard Practice' and 'State-of-the-Art' Widening?," co-authored with W.J. Petak in *AEG News*, Vol. 32, No. 2, 1989
- "Agency Controls and Damage Reduction" in *Landslides in a Semi-arid Environment: Studies from the Inland Valleys of Southern California*, co-authored with N.J. Slosson, (edited by P.M. Sadler and D.M. Morton), Publications of the Inland Geological Society, Volume 2, 1989
- "Harrison Canyon Debris Flows of 1980," co-authored with G.W. Havens, G. Shuirman, and T.L. Slosson in *Landslides in a Semi-arid Environment: Studies from the Inland Valleys of Southern California* (edited by P.M. Sadler and D.M. Morton), Publications of the Inland Geological Society, Volume 2, 1989
- "Geologic Consequences of the 1983 Wet Year in Utah," co-authored with B.N. Kaliser, Utah Geological and Mineral Survey Miscellaneous Publication 88-3, 1988
- "Litigation Support Investigations Involving Complex Flood Plains," co-authored with R.C. MacArthur and D.L. Hamilton in *Proceedings of the 1988 National Conference of Hydraulics Division of ASCE*, Colorado Springs, Colorado, 1988
- "Pinto Wash Alluvial Fan Litigation," co-authored with T.L. Slosson in *Proceedings of the 1988 National Conference of Hydraulics Division of ASCE*, Colorado Springs, Colorado, 1988
- "Snow-Melt Triggered Debris Flows Affecting Utah's Megalopolis," co-authored with B.N. Kaliser in *Proceedings of the 1988 National Conference of Hydraulics Division of ASCE*, Colorado Springs, Colorado, 1988
- "Important Legal Decisions Related to Flooding, Land Use Planning, and Geologic Hazards," co-authored with G. Havens in *Proceedings of the Conference on Arid West Floodplain Management Issues*, Las Vegas, Nevada, October 19-21, 1988, Association of State Flood Plain Managers
- "Responsibility and Liability of State and Local Government," presented at Geological Society of America, Rocky Mountain Section Meeting, Sun Valley, Idaho, May 1988
- "On the Reduction of Losses Due to Slope Instability in Hillside Developments," co-authored with V.S. Cronin, presented at American Geophysical Union Fall/Winter Meeting, San Francisco, California, December, 1987

James E. Slosson

[15]

- "Where are the Basics?," presented at the 30th Annual AEG meeting, Symposium on Education in Engineering Geology and Geological Engineering, Atlanta, Georgia, October 1987
- "Legal Misuse of Urban Hydrology Concepts and Regulations for Rural Areas," co-authored with R. MacArthur and G. Shuirman, for presentation at the ASCE Water Forum, '87, Conference Proceedings on Engineering Hydrology, Williamsburg, Virginia, 1987
- "Application of Oil Well Technology and Continuous Coring to Landslide Investigation," co-authored with A.B. Esmilla and M.B. Phipps in *AAPG Field Trip Guidebook*, 1987
- "Application of Oil Well Technology and Continuous Coring to Landslide Investigation," co-authored with A.B. Esmilla and J.E. Slosson in *Geology of the Palos Verdes Peninsula and San Pedro Bay*, Volume and Guidebook, Pacific Section SEPM and AAPG, 1987
- "Landslides and Other Ground Failure Hazards: Where Have We Failed?," presented at 83rd Annual Meeting of Cordilleran Section of the Geological Society of America, Hilo, Hawaii, May 1987
- "Should Academia Aid in Solving the Problems Related to Geologic Hazards?," presented at 83rd Annual Meeting of Cordilleran Section of the Geological Society of America, Hilo, Hawaii, May 1987
- "Mitigation Rather Than Litigation of the Abalone Cove Landslide," co-authored with G.W. Havens, in *American Association of Petroleum Geologists Field Trip Guidebook*, 1987
- "Feasibility of Stabilizing Abalone Cove Landslide," co-authored with members of Technical Panel for Abalone Cove Landslide Abatement District, 1986
- "Early Identification of Geologic Hazards and Their Impact on Location of Offshore California Oil Development," co-authored with R. McCarthy, presented at the 1986 Annual AEG meeting, San Francisco, California, October 1986
- "Responsibility/Liability related to Mudflows," co-authored with G. Shuirman and D. Yoakum, presented at ASCE, Water Forum '86, Long Beach, California, August 1986
- "Legal Issues Related to Hazard Mitigation Policies" in *Proceedings for the USGS/UGMS "Assessment of Regional Earthquake Hazards and Risk Along the Wasatch Front, Utah," July 1986*
- "Cost Benefits and Mitigation," presented at the National Association of Environmental Professionals, Annual Conference, San Francisco, California, April 1986
- "Thistle Landslide: Was Mitigation Possible?," co-authored with D. Yoakum and G. Shuirman, presented at Cordilleran Section, GSA 82nd Annual Meeting, Los Angeles, California, March 1986

Comment Letter 0049 Continued

James E. Slosson

[16]

- "Avoiding Liability and Other Legal Problems," presented at Association of State Floodplain Managers Symposium on Western State High Risk Flood Areas, Las Vegas, Nevada, March 1986
- "Preparing to be an Expert Witness," co-authored with G. Shuirman, presented at Association of State Floodplain Managers Symposium on Western State High Risk Flood Areas, Las Vegas, Nevada, March 1986
- "Thistle, Utah Landslide: Could It Have Been Prevented?," co-authored with D. Yoakum and G. Shuirman, presented at 1986 Annual Symposium on Engineering Geology and Soils Engineering, Boise, Idaho, February 1986
- "Preparing and Conducting Litigation Dealing with Arid Flood Problems," presented at Association of State Floodplain Managers Symposium on Western State High Risk Flood Areas, Las Vegas, Nevada, March 1986
- "Tectonic and Seismic Implications of Historical Domicil Uplift and Subsidence, Santa Monica Fault, Los Angeles, California," co-authored with J.L. Anderson, presented at American Geophysical Union 1985 Fall Meeting, San Francisco, California, December 1985
- "Evaluating Earthquake and Surface Faulting Potential" *in* Proceedings of Future Directions in Evaluating Earthquake Hazards of Southern California, co-sponsored by the USGS, et al., at the University of Southern California, Los Angeles, California, November 1985
- "Encouraging Government Mitigation: The Forensic Geologist/Expert Witness Perspective," presented at the American Bar Association International Symposium, Miami, Florida, October 1985
- "Liabilities related to the Natural Hazards of Coastal California," co-authored with V.S. Cronin and G.W. Havens, presented at the 28th Annual AEG meeting, Winston Salem, North Carolina, October 1985
- "Government Appears to be Failing in Enforcement," co-authored with G. W. Havens, presented at the Natural Hazards Research Workshop, University of Colorado, Boulder, Colorado, July 1985
- "Perspective of Legal Liability Related to the Natural Hazards of Coastal California," presented at the California Coastal Commission Conference on "California's Battered Coast," San Diego, California, February 1985
- "Development of Geologic/Seismic Regulations and Criteria" *in* Bulletin of the Association of Engineering Geologists, Vol. XXII, No. 3, 1985, pp. 11-23
- "Legal Issues Related to Hazard Mitigation Policies" *in* Proceedings of USGS Conference XXVI on Evaluation of Regional and Urban Earthquake Hazards and Risk in Utah, Salt Lake City, Utah, 1984, pp. 665-668

James E. Slosson

[17]

- "Legal Liability: An Incentive for Mitigation," co-authored with G.W. Havens, presented at the Federal Emergency Management Agency Conference on "Legal Issues in Emergency Management," Emmitsburg, Maryland, August 1984
- "Is Legal Liability an Incentive for Mitigation?," co-authored with G.W. Havens, presented at the Natural Hazards Research Workshop, University of Colorado, Boulder, Colorado, July 1984
- "Genesis and Evolution of Guidelines for Geologic Reports" *in* Bulletin of the Association of Engineering Geologists, Vol. XXI, No. 3, 1984, pp. 295-316
- "Registration of the Engineering Geologist" *in* AEG Bulletin Vol. XXI, No. 2, 1984, pp. 159-161
- "Relationship of Fire/Flood to Debris Flows," co-authored with G. Shuirman and D. Yoakum, presented at the Utah State University Specialty Conference, Logan, Utah, June 1984
- "Liability Related to Water, Flooding and Landslides," presented at a seminar sponsored by VanCott, Bagley, Cornwall, and McCarthy, Salt Lake City, Utah, 1984
- "Forensic Geology, Government, and Applied Engineering Geology," presented at the Association of State Floodplain Managers Conference, Palm Springs, California, February 1984
- "The Cost of Prevention vs. The Cost of Geologic Failures -- The California Experience" *in* Proceedings of Legal and Legislative Approaches to Western States Geologic Hazards, Utah State Bar, Salt Lake City, Utah, 1983
- "Flood Plain Management/Landslides and Mudslides," presented at the 1983 National Flood Insurance Program and Multi-Hazard Conference, Federal Emergency Management Agency, Washington, D.C., 1983
- "Can Those Oil Fields be Used as Prime-Grade Industrial/Residential Property?," co-authored with B. Barron, D. Hallinger, and E. Wilkinson *in* Proceedings for the AEG Annual Meeting, San Diego, California, 1983
- "Earthquake-Induced Landslide Hazard Mapping," co-authored with M. Legg and R. Eguchi *in* Proceedings for the AEG Annual Meeting, San Diego, California, 1983
- "Photographic Evidence in Forensic Engineering and Geology," co-authored with P. McClay *in* Proceedings for the AEG Annual Meeting, San Diego, California, 1983
- "Hidden Springs Flood, 1978, Southern California," co-authored with A. Graham, G. Shuirman, and D. Yoakum *in* Proceedings for the D.B. Simons Symposium on Erosion and Sedimentation, Colorado State University, Fort Collins, Colorado, 1983

Comment Letter 0049 Continued

James E. Slosson

[18]

- "In What Ways Have Design Innovations and Better Knowledge of Physical Processes Increased Legal Liability?," presented at Panel, Natural Hazards Research Workshop, University of Colorado, Boulder, Colorado, 1983
- "Mudflow Hazard Mapping," presented at the Technical Meeting on Mud Hazard Mapping in Los Angeles County, Federal Emergency Management Agency/Los Angeles County Flood Control District, 1982
- "Sprecher vs. Adamson Companies - A Critique of the Supreme Court Decision," presented at the Beverly Hills Bar Association, Joint Meeting of Real Estate and Environmental Law Committees, 1982
- "Responsibility and Liabilities of Local and State Governments in California" in *Proceedings of the Natural Hazards Program, Natural Hazards Research and Applications Information Center*, Boulder, Colorado, 1982
- "Seismic Hazard Mapping for Lifeline Vulnerability Analyses," co-authored with M. Legg and R. Eguchi in *Proceedings of the Third International Earthquake Microzonation Conference*, Seattle, Washington, 1982
- "Geologic Hazards and Hillside Properties," co-authored with T. Hague and P. McClay in *Advanced Real Property Series -- Earth Movement*, California Continuing Education of the Bar, 1982
- "Seismic Safety Elements," co-authored with P. McClay, presented at the Geology Workshop, U.S. Department of Agriculture, Forest Service, 1982
- "Failures That Can be Avoided," presented at the Soil and Foundation Engineers Association, Geotechnical Construction, Loss Prevention Seminar, 1982, published in 1988 by California Geotechnical Engineers Association: Geotechnical Technicians Reference Manual
- "Earthquake Vulnerability of Water Supply Systems," co-authored with R. Eguchi, L. Philipson, M. Legg, and J. Wiggins in *Lifeline Earthquake Engineering: The Current State of Knowledge 1981*, D.J. Smith (editor), American Society of Civil Engineering, New York, pp. 277-292
- "Southern California Landslides of 1978 and 1980," co-authored with J. Krohn, presented at the Symposium on Storms, Floods, and Debris Flows in Southern California and Arizona, 1978-1980, California Institute of Technology, September 1980
- "Landslides as a Geologic Hazard," presented at the Project Update Environment Conference, sponsored by the National Association of Geology Teachers and Cypress College, October 1980

James E. Slosson

[19]

- "Assessment of Expansive Soil in the United States," co-authored with J. Krohn, presented at the Spring Convention of the American Society of Civil Engineers, Portland, Oregon, April 1980 and at the Fourth International Conference of Expansive Soil, Denver, Colorado, June 1980
- "Recognition of Landslides" in *Geomorphic Applications in Engineering Geology -- A State-of-the-Art Short Course*, presented by the Office of Continuing Education, California State University at Los Angeles, November 1979
- "Geologic/Seismic Criteria," Portion of Liquefied Natural Gas Safety Standards, General Orders Number 112-D, Public Utilities Commission of the State of California (adopted June 5, 1979)
- "San Fernando Tunnel Explosion and Freeway Collapse of 1971," Slosson, J.E., published in *Geologic Guide and Engineering Geology Case Histories - Los Angeles Metropolitan Area*, AEG, 1978
- "Effective Building Codes" co-authored with James P. Krohn, in *California Geology*, June 1977, pp. 136-139
- "Landslide Potential in the United States," in *California Geology*, Volume 29, No. 10, 1977
- "Lessons Learned," Chapter in California Division of Mines and Geology, Special Report #124, Oroville Earthquake, 1976
- "San Andreas Fault in Southern California" (preface), California Division of Mines and Geology, Special Report #118, 1975
- "Effects of the Earthquake (February 9, 1971) on Residential Areas," State of California, Division of Mines and Geology Bulletin #196, 1975
- "Legislation Related to Earthquakes," in *California Geology*, Division of Mines and Geology, Volume 28, No. 2, February 1975
- "Recommended Guidelines for Preparing Engineering Geologic Reports," California Division of Mines and Geology Note #44, April 1975
- "Recommended Guidelines for Preparing Mining Reclamation Plans," California Division of Mines and Geology Note #45, May 1975
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Comment Letter 0049 Continued

James E. Slosson

[20]

- "Engineering Geology of the Geysers Geothermal Resource Area, Lake Mendocino and Sonoma Counties, California," co-authored with C. Bacon, P. Amimoto, and R. Sherburne, California Division of Mines and Geology Special Report #122, 1975
- "Methodology for Delineating Mudslide Hazard Areas," presented at the National Academy of Science Engineering Panel on Methodology for Delineating Mudslide Hazard Areas of the Science and Engineering Committee, 1974
- "Development of a Plan to Maximize the Learning from Destructive Earthquakes," co-authored with M. Ploessel, J. Johnson, and G. Oakeshott, Earthquake Engineering Research Institute, 1974
- "Repeatable High Ground Accelerations from Earthquakes - Important Design Criteria," co-authored with M. Ploessel in *California Geology*, September 1974
- "Surprise Valley Fault" in *California Geology*, Volume 27, No. 12, 1974
- Geologic Investigation for Aseismic Design," co-authored with P. Amimoto, presented at the 12th Annual Symposium on Engineering Geology and Soils Engineering, Boise, Idaho, April 1974
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- "The Public and Geology-Related Legislation in California, 1968-1972," co-authored with C. Hauge in Special Publication of AEG, October 1973
- "The Northridge Hills and Associated Faults - A Zone of Seismic Probability?," co-authored with J. Barnhart in Special Publication of AEG, October 1973
- "Damage to Residential Housing by the Earthquake of February 9, 1971," presented before the GSA Annual Meeting, Honolulu, Hawaii, April 1972
- "The Reduction of Earthquake Hazard through Master Plan Design," presented before the GSA Annual Meeting, Honolulu, Hawaii, April 1972
- "Association of the February 9, 1971 Earthquake with the Geological History of the San Gabriel Mountains," presented before the GSA Annual Meeting, Honolulu, Hawaii, 1972
- "Residential Areas -- San Fernando-Sylmar Earthquake" in Report by the Geology Subcommittee, Earthquake Engineering Research Institute, 1971
- "Engineering Geology Review of the Olive View Medical Center" in Report of Advisory Member of the Structural Engineers Association of Southern California Ad Hoc Committee to Study Olive View Medical Center, 1971

James E. Slosson

[21]

- "Engineering Geology Review of the February 9, 1971 Earthquake -- San Fernando-Sylmar Area," presented before the Fall 1971 Meeting of the Society of Petroleum Engineers of the American Institute of Mining Engineers
- "Engineering Geology and its Application to Coastal Land Use Studies" in *Proceedings, Second Coastal and Shallow Water Research Conference*, 1971
- "Planning a New Town's Environment," National Science Foundations, Environmental Geology Conference, Warrentown, Virginia, March 1971
- "Hydrogeology in Urban Planning," GSA National Convention, Milwaukee, Wisconsin, November 1970
- "Baldwin Hills Dam Disaster," American Public Works Association, Los Angeles, California, March 1970
- "Hillside Development, Earth Slippage and Landsliding," American Institute of Building Designers, February 1970
- "Role of Engineering Geology in Urban Planning," presented at the American Geophysical Union National Meeting, San Francisco, California, December 1969
- "Engineering Geology in Urban Planning," presented at the Oregon Geological Society and County Planner's Conference on Environmental Geology, Portland State University, March 1969
- "The Role of Engineering Geology in Urban Planning and Development," presented at The Governor's Conference on Environmental Geology, Special Publication No. 1, Colorado Geological Survey, Denver, Colorado, May 1969
- "Landslides and the Recent High Intensity Rainfall," American Society of Civil Engineers, Los Angeles Section, April 1969
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Comment Letter 0049 Continued

James E. Slosson

[22]

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(Rev. 3/2004)
Ref.CGZip.resume.jes

ATTACHMENT E

The materials in Attachment E suggest ongoing Metropolitan Transportation Commission efforts to coordinate transportation with more efficient land use. HSRA, in turn, must develop specific mitigation measures for certain impacts and should develop specific land use requirements as part of the project to enhance its efficiency and effectiveness and to reduce environmental impacts.

Comment Letter 0049 Continued



**METROPOLITAN
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Memorandum

TO: Transportation-Land Use Task Force Members DATE: July 19, 2004

FR: Valerie Knepper

RE: MTC TOD Study: Res. 3434 TOD Guiding Principles and Policy Approach Options

The purpose of this memo is to provide information regarding MTC staff's current thinking regarding "Guiding Principles" and to describe policy options to detail the MTC requirements for supportive land use policies for programming of Res. 3434 regional transit discretionary funds. Most importantly, the purpose of this item is for MTC staff and our consultants to receive feedback regarding the draft principles and policy options.

I. Draft TOD Guiding Principles

The following "TOD Guiding Principles" are intended to provide simple and clear statements that will guide our development of specific policies.

(a) Increase Transit Ridership By Encouraging Higher Density Development Around Stations.

One of the key goals of the TOD policy is to increase transit ridership by providing more opportunities for people to live and work in close proximity to key transit stations and hubs. The TOD study will help MTC define minimum housing and employment densities that will maximize potential ridership, and thus cost-effectiveness, for new public transit investments funded under Resolution 3434.

(b) Ensure New Transit Villages are Livable and Vibrant Places. While generating transit ridership is a critical goal for any transit-oriented development policies MTC adopts, we are also looking to affirm that more compact development patterns and higher density residential and commercial growth around transit hubs bring with them livability, green spaces and other key quality-of-life features.

(c) Develop Criteria That Are Tailored. A key concept in defining "supportive land use policies" is to match the land use density and mix of uses to the ridership and access needs of specific transit modes (i.e., heavy rail, light rail, buses, ferries). In addition, policies must take into account the geographic diversity of the region and the variations in urban and suburban settings.

II. Policy Approaches for Defining "Supportive Land Use Policies" for Res. 3434

In December 2003, MTC adopted the policy that the programming of regional discretionary transit funds for Res. 3434 projects would require supportive land use policies by local jurisdictions. Indeed, the original Res. 3434 included a requirement for supportive land use

T-LU Task Force Memo
July 19, 2004
Page 2

policies. A major objective of the current TOD study is to develop an explicit and well-founded approach to implement this policy direction.

(a) Review of Existing Transit Oriented Development Policies

As a first step in this process, the TOD Study began by reviewing and summarizing policy approaches that support TOD development from both outside the region and from within the region. The consultants have developed a draft summary that reviews several important existing transit oriented development policies, and will provide a brief summary to you. In addition, they will discuss lessons learned from this review that appear relevant to the development of policies in the Bay Area.

(b) Conceptual Policy Approaches

Based on the guiding principles above and staff review of existing TOD policies, the following basic policy approaches can be considered. MTC staff anticipates including more than one policy option in the draft T-2030 (MTC's next regional transportation plan), to be released for public comment in the fall of 2004. (Please note that there are numerous and important variations and details needed to flesh out these approaches, which will be the subject of further discussions, but we are requesting your feedback on basic policy options at this point.)

1. Option 1: Transit Ridership Requirements

The most common approach by transit agencies to requirements for supportive land use policies has been to require that the station and/or corridor generate a target level of ridership. The level of ridership threshold and the limitations of other forms of access implicitly point to a level of needed density immediately around transit stations/hubs to satisfy the requirements/be highly ranked for this criterion. This basic approach, with important additional features, is used by the Federal Transit Administration for new transit starts using federal funds and by BART for achieving a recommendation to move forward into later stages of development. Given that land use development takes time, this approach may require progressively more concrete policy, regulatory and legal commitments by local jurisdictions to support achievement of the ridership levels.

2. Option 2: Density Requirements

Another approach is to directly require target levels of land use development matched to the needs of the proposed transit mode (i.e., heavy rail requires more ridership and thus would require higher levels of density than would light rail). This approach defines requirements closer to the control of local jurisdictions – i.e. land use planning and zoning controls. Density requirements can be defined in terms of residential density (e.g. 40 units an acre) or the number of people located around a station/corridor (e.g., 20,000 people within 1 mile). It can also be defined in term of residents only, or both residents and workers. As above, this approach may require progressively more concrete policy commitments by local jurisdictions over the timeline of the project.

3. Option 3: Point System Incorporating both Density and Design Requirements

Given that MTC has a strong commitment to improving the livability of our communities, and the positive influence of the design of places on walk and bike access to transit stations /hubs, another approach would be to include both targeted levels of density, (to be defined as per the discussion above) and design requirements that facilitate non-auto access to transit stations/hubs.

Comment Letter 0049 Continued

T-LU Task Force Memo
July 19, 2004
Page 3

These factors would be combined into a point system that would reward both the level of development and also design features such as connecting streets and sidewalks, bike routes directly into stations, landscaping designed for pedestrians, and facilitation of pedestrian scaled retail and other activities.

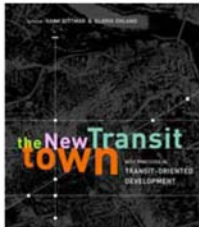
4. Option 4: Matching Place Types and Mode

Different transit stations play different roles in the regional transit system, and while each station must generate sufficient use to be justified, and the entire corridor must generate sufficient use to be cost effective, the type of use may differ from station to station. These different patterns of use are termed "types" and include as basic types urban downtown, suburban center, and suburban village. Each of the types of transit modes (e.g. heavy rail, etc) interacts with each of the place types. For example, a heavy rail system in an urban downtown may have very high ridership levels by serving as an employment center, and may not have much residential use in the proximity. On the other hand, a light rail station in a suburban center may have high mixed use, while in a suburban village may have high residential densities. This approach would establish development requirements for types of transit and place type combinations.

We look forward to your input, ideas and recommendations.



Comment Letter 0049 Continued

The Center for Transit Oriented Development


- A project of Reconnecting America in collaboration with Center for Neighborhood Technology, Strategic Economics and local partners. Exec Director: Shelley Poticha
- A collaborative, performance based approach to making TOD succeed
- Create a national marketplace for TOD, working with transit operators, developers, investors and communities.
- "Bring TOD to scale" in 4-5 metro regions
- <http://www.reconnectingamerica.org>

Transit Contributes to the Sustainable Metropolis

Transit and transit-oriented development work in a context of:

- Location Efficiency.
- Expanded Mobility, Shopping and Housing Choices.
- Financial Return and Value Recapture.
- Balance Between Place and Node

